



# METALSHIELD QUICK DRY METAL PRIMER

**Metalshield** Quick Dry Metal Primer from **Dulux Trade** is a water-based primer that seals and protects the surfaces to provide excellent adhesion to new bright or weathered galvanised metal surfaces and other non-ferrous metal, both inside and out.

\*Applying our straightforward, single-pack system - **Metalshield** Quick Dry Metal Primer from **Dulux Trade** + 2 coats of **Metalshield** Gloss or Satin from **Dulux Trade** - will deliver up to 8 years metal protection.

## KEY BENEFITS

- 8 Year Protection\*
- For Non-Ferrous Metal
- Provides Excellent Adhesion

## PRODUCT INFORMATION

### Typical Use

Suitable for use on interior and exterior use on non-ferrous metals.

### Pack Size

1L and 5L.

### Colour Range

Grey.

### Film Properties

**Heat Resistance:** Not recommended for use on heated surfaces, when the temperature falls below 10°C or when the substrate temperature is below 7°C.

### Film Thickness

*Film thickness will be dependent on the coverage achieved.*

**Wet:** 53-66 microns.

**Dry:** 20-25 microns.

### Composition (nominal)

**Pigment:** Zinc Phosphate, Titanium Dioxide, Mineral Extenders and Colouring Pigments.

**Binder:** Acrylic Copolymer Emulsion.

**Solvent:** Water.

### Volume Solids

38% (nominal).

## SURFACE PREPARATION

To get the best results, ensure surfaces to be painted are sound, clean and dry (new surfaces particularly must be fully dry) and free from grease, wax and oil. Use a suitable oil and grease remover to clean the surface if necessary.

Remove all loose or defective paint back to a firm edge. Special precautions should be taken during surface preparation of pre-1960s paint surfaces over wood and metal as they may contain harmful lead.

## SYSTEMS INFORMATION

STIR THOROUGHLY BEFORE USE. Apply 1 coat of **Metalshield** Quick Dry Metal Primer from **Dulux Trade** followed by 2 coats of **Metalshield** Gloss or Satin from **Dulux Trade**.

## APPLICATION METHOD

Brush, roller, conventional spray and airless spray.

Do not use when the temperature falls below 10°C or the temperature of the substrate is below 7°C.

### Practical Coverage

A guide to the practical coverage which can be achieved under normal conditions is up to 18m<sup>2</sup> per litre.

### Thinning

**Normal Use (not to be exceeded):** Thinning is not usually required.

**Conventional spray application:** Add up to 1 part clean water to 6 parts paint.

**Airless spray application:** Add up to 1 part clean water to 10 parts paint.



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## Spray Recommendations

**Conventional Spray:** Satisfactory through most equipment.

**Airless Spray:** A typical set up for airless spray application would be a minimum working pressure of 133 bars (2000lb/sq in) with a spray tip size 0.41-0.46mm (16-18 thou) and a spray tip angle 65-80°.

## Drying Times

*Single coat at standard thickness:*

**Touch Dry:** Dependent on temperature and humidity.

**Recoat:** 4-6 hours, although will vary according to temperature and humidity.

## Cleaning Up

After use, remove as much product as possible from equipment before cleaning with water.

When this paint container is empty please ask your stockist about recycling. If you have leftover paint, please dispose of it responsibly and consider donating it to **Community RePaint**. Find out more at [duluxtrade.co.uk/pp](http://duluxtrade.co.uk/pp).

## Transportation & Storage

Do not use or store in extremes of temperature and protect from frost. To prevent spillage, please store and transport upright.

## VOC

EU limit value for this product (cat.: A/i): 140g/l (2010). This product contains max. 90g/l VOC. VOC content: Medium (8-24.99%).

## FURTHER SUPPORT

If you need further support, please contact the **AkzoNobel** Technical Advice Centre on [0333 222 70 70](tel:03332227070).

**Always read full Health, Safety & Environmental Information on can before use.**

Safety datasheet (SDS 510) is available free on request by telephoning the **AkzoNobel** Technical Advice Centre or by visiting [duluxtrade.co.uk](http://duluxtrade.co.uk).

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